

In the claims:

Please amend claims as follows:

1. (currently amended) A spectacle lens comprising:
 - a front surface;
 - a back surface;
 - a peripheral edge; and
 - a vision correcting area having a refractive error correction, wherein at least a portion of the refractive error correction is based on a lens prescription determined by a wave front analysis of a wearer's eye and wherein the vision correcting area corrects non-conventional refractive error to provide at least a part of the wearer's vision correction and wherein the peripheral edge is capable of being modified to fit within an eyeglass frame, wherein the non-conventional refractive error is a refractive error other than myopia, hyperopia, presbyopia or astigmatism.
2. (currently amended) The lens of claim 1 wherein the vision correcting area corrects for conventional refractive error, wherein the conventional refractive error is at least one myopia, hyperopia, presbyopia or astigmatism.
3. (previously presented) The lens of claim 1 wherein the vision correcting area corrects for an aberration of the lens.
4. (previously presented) The lens of claim 1 wherein the lens comprises a material having a variable index of refraction.

5. (previously presented) The lens of claim 1 wherein the lens comprises a material having a modifiable index of refraction.
6. (previously presented) The lens of claim 1 wherein the back surface is concave.
7. (previously presented) The lens of claim 1 wherein the lens is capable of correcting non-conventional refractive error caused by one of an aberration, irregular astigmatism, and ocular layer irregularities.
8. (previously presented) The lens of claim 1 wherein the lens provides a prismatic power.
9. (previously presented) The lens of claim 1 wherein the lens has a chromic characteristic.
10. (currently amended) The lens of claim 1 wherein correction of ~~unconventional~~ non-conventional refractive error is provided by localized changes in a refractive power of the lens.
11. (previously presented) The lens of claim 1 wherein the lens corrects the wearer's vision to better than 20/20.
12. (previously presented) The lens of claim 1 wherein the lens corrects the wearer's vision to better than 20/10.
13. - 58. (cancelled)

59. (previously presented) The lens of claim 1 wherein the non-conventional refractive error correction is different in different regions of the vision correcting area.

60. - 70 (cancelled)

71. (currently amended) A spectacle lens comprising:

a front surface;

a back surface;

a peripheral edge; and

a vision correcting area that provides at least two different regions of refractive error correction, wherein the refractive error correction of a first region utilizes a prescription determined in part from a wavefront analysis of a wearer's eye and corrects for both non-conventional refractive error and conventional refractive error to provide for the highest level of vision correction for the wearer within the vision correcting area and wherein the refractive error correction of a second region corrects for refractive error that provides a lesser level of vision correction for the wearer than the refractive error correction of the first region, wherein the conventional refractive error is at least one of myopia, hyperopia, presbyopia or astigmatism and the non-conventional refractive error is a refractive error other than myopia, hyperopia, presbyopia or astigmatism.

72. (previously presented) The lens of claim 71 wherein the vision correcting area corrects for one of distance, intermediate, or near vision of the wearer.

73. (previously presented) The lens of claim 71 wherein the vision correcting area corrects for an aberration of the lens.
74. (previously presented) The lens of claim 71 wherein the lens comprises a material having a variable index of refraction.
75. (previously presented) The lens of claim 71 wherein the lens is an electro-active lens.
76. (previously presented) The lens of claim 71 wherein the lens comprises a material having a modifiable index of refraction.
77. (previously presented) The lens of claim 71 wherein the back surface is concave.
78. (cancelled)
79. (previously presented) The lens of claim 71 wherein the lens provides a prismatic power.
80. (previously presented) The lens of claim 71 wherein the lens has a chromic characteristic.
81. (previously presented) The lens of claim 71 wherein correction of non-conventional refractive error is provided by localized changes in a refractive power of the lens.

82. (previously presented) The lens of claim 71 wherein the lens corrects the wearer's vision to better than 20/20.

83. (previously presented) The lens of claim 71 wherein the lens corrects the wearer's vision to better than 20/10.

84. (previously presented) The lens of claim 71 wherein the lens is capable of being mounted into a frame.

85. (previously presented) The lens of claim 71 wherein the vision correcting area provides at least two separate regions for the correction of non-conventional refractive error in different areas of the lens.

86. - 88. (cancelled))

89. (currently amended) A lens comprising:

a front surface;

a back surface;

a peripheral edge; and

a vision correcting area providing at least two regions of different vision correction for a user, wherein at least a first vision correction region provides a refractive error correction including non-conventional refractive error correction based on a lens prescription determined in

part by a wavefront analysis of the user's eye and provides the highest level of vision correction for the user in the vision correcting area and wherein at least a second vision correction region provides a lesser level of vision correction to the user than the first vision correction region, wherein the conventional refractive error is at least one of myopia, hyperopia, presbyopia or astigmatism and the non-conventional refractive error is refractive error other than myopia, hyperopia, presbyopia or astigmatism.

90. (previously presented) The lens of claim 89 wherein the non-conventional refractive error correction is different in different non-conventional refractive error correction regions.

91. - 95 (cancelled)

96. (new) The spectacle lens of 1 wherein the non-conventional refractive error is at least one of irregular astigmatism or an aberration of the ocular system.

97. (new) The spectacle lens of claim 71 wherein the non-conventional refractive error is at least one of irregular astigmatism or an aberration of the ocular system.

98. (new) The lens of claim 89 wherein the non-conventional refractive error is at least one of irregular astigmatism or an aberration of the ocular system.